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Presentation:

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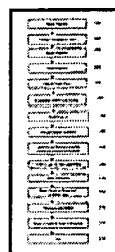
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## PUBLISHED INTERNATIONAL APPLICATION

- (11) **WO 00/10066** (13) A2  
 (21) PCT/US99/16712  
 (22) **12 August 1999 (12.08.1999)**  
 (25) ENG (26)  
 (31) 60/096,388 (32) **13 August 1998** (33) US  
**(13.08.1998)**  
 (43) 24 February 2000 (24.02.2000)  
 (51)<sup>7</sup> G06F  
 (54) REVERSE AUCTION SEARCH ENGINE  
 (71) **INTERACTIVE YELLOW PAGES, INC.** 3900  
 Woodside Terrace, Fremont, CA 94539; (US). [US/US].  
*(for all designated states except US)*  
 (72)(75) **NATH, Prithu** 3900 Woodside Terrace, Fremont, CA  
 94539; (US) [US/IN].  
 (74) **LONGEST, Brian, L.** Cohen Mohr LLP, Suite 504,  
 1055 Thomas Jefferson Street, N.W., Washington, DC  
 20007; (US).  
 (81) AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,  
 CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE,  
 GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,  
 KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,  
 MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,  
 SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU,  
 ZA, ZW ; AP ( GH, GM, KE, LS, MW, SD, SL, SZ, UG,  
 ZW ); EA ( AM, AZ, BY, KG, KZ, MD, RU, TJ, TM );  
 EP ( AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,  
 IT, LU, MC, NL, PT, SE ); OA ( BF, BJ, CF, CG, CI,  
 CM, GA, GN, GW, ML, MR, NE, SN, TD, TG )

## Abstract

The present invention is a reverse auction and a new generation portal web site where a user gets the feeling of surfing in a geographical location of the world and is able to conveniently get information for that area of the world as also in the true spirit of Internet unite the whole world and actually make the information available on the finger tips of the user, not only for



getting information for that area but also for **buying** of products and services and for **selling** of products and services. It can be used both for consumer to business and business to business applications. This invention also relates to bringing the whole world under a global yellow page which is e-commerce enabled in such a manner that will change the way commerce is transacted today, doing away with geographical boundaries and replacing the existing business models.

**Presentation:**

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**Image:**

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59 of 61

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Terms	Documents
L32 and (multiple or many)near2 enterprises	3

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<u>L34</u>	L32 and (multiple or many)near2 enterprises	3	<u>L34</u>
<u>L33</u>	L32 and (multiple or many or more than one) enterprise	43931	<u>L33</u>
<u>L32</u>	L31 and (aggregate or pool)	120	<u>L32</u>
<u>L31</u>	auction near5 data	465	<u>L31</u>
<u>L30</u>	L23 and (aggregation or pooling)	29	<u>L30</u>
<u>L29</u>	L28 and (aggregation or aggregate)	9	<u>L29</u>
<u>L28</u>	L22 and enterprises	28	<u>L28</u>
<u>L27</u>	L22 and l24 not l23	0	<u>L27</u>
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<u>L24</u>	L23 and aggregation	20	<u>L24</u>
<u>L23</u>	L22 and data	187	<u>L23</u>
<u>L22</u>	on-line near auction	271	<u>L22</u>
<u>L21</u>	auction near data same aggregation	0	<u>L21</u>
<u>L20</u>	L19 and aggregation	13	<u>L20</u>
<u>L19</u>	L18 and (internet or www or network)	99	<u>L19</u>
<u>L18</u>	multiple near auctions	106	<u>L18</u>

*DB=USPT; PLUR=YES; OP=OR*

<u>L17</u>	multiple near auctions	21	<u>L17</u>
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<u>L12</u>	6202051.pn.	1	<u>L12</u>
<u>L11</u>	6058417.pn.	1	<u>L11</u>
<u>L10</u>	5915209.pn.	1	<u>L10</u>
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<u>L8</u>	5855008.pn.	1	<u>L8</u>
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END OF SEARCH HISTORY

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L32: Entry 81 of 120

File: USPT

Dec 24, 2002

US-PAT-NO: 6499018

DOCUMENT-IDENTIFIER: US 6499018 B1

TITLE: Method and system for controlling bidding in electronic auctions using bidder-specific bid limitations

DATE-ISSUED: December 24, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Alaia; Marc	Glenshaw	PA		
Becker; David J.	Sewickley	PA		
Kinney, Jr.; Sam E.	Sewickley	PA		
Rago; Vincent F.	Pittsburgh	PA		
Rupp; William D.	Pittsburgh	PA		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
FreeMarkets, Inc.	Pittsburgh	PA			02

APPL-NO: 09/ 311558 [PALM]

DATE FILED: May 14, 1999

## PARENT-CASE:

This is a divisional of copending application Ser. No. 09/252,790 filed on Feb. 19, 1999, which claims priority of provisional applications No. 60/101,141, filed on Sep. 18, 1998, and Ser. No. 60/110,846, filed on Dec. 4, 1998.

INT-CL: [07] G06 F 15/30

US-CL-ISSUED: 705/37; 705/26, 705/27, 705/1

US-CL-CURRENT: 705/37; 705/1, 705/26, 705/27

FIELD-OF-SEARCH: 705/37, 705/26, 705/27, 705/1

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>3581072</u>	May 1971	Nymeyer	235/152
<input type="checkbox"/>	<u>4674044</u>	June 1987	Kalmus et al.	364/408
<input type="checkbox"/>	<u>4789928</u>	December 1988	Fujisaki	364/401
<input type="checkbox"/>	<u>4845625</u>	July 1989	Stannard	364/407
<input type="checkbox"/>	<u>4992940</u>	February 1991	Dworkin	364/401
<input type="checkbox"/>	<u>5136501</u>	August 1992	Silverman et al.	364/408
<input type="checkbox"/>	<u>5193056</u>	March 1993	Boes	364/408
<input type="checkbox"/>	<u>5243515</u>	September 1993	Lee	364/401
<input type="checkbox"/>	<u>5297032</u>	March 1994	Trojan et al.	364/408
<input type="checkbox"/>	<u>5375055</u>	December 1994	Togher et al.	364/408
<input type="checkbox"/>	<u>5394324</u>	February 1995	Clearwater	364/402
<input type="checkbox"/>	<u>5402336</u>	March 1995	Spiegelhoff et al.	364/401
<input type="checkbox"/>	<u>5606602</u>	February 1997	Johnson et al.	379/115
<input type="checkbox"/>	<u>5664115</u>	September 1997	Fraser	705/37
<input type="checkbox"/>	<u>5684963</u>	November 1997	Clement	395/226
<input type="checkbox"/>	<u>5689652</u>	November 1997	Lupien et al.	395/237
<input type="checkbox"/>	<u>5715402</u>	February 1998	Popolo	705/37
<input type="checkbox"/>	<u>5727165</u>	March 1998	Ordish et al.	395/237
<input type="checkbox"/>	<u>5758327</u>	May 1998	Gardner et al.	705/26
<input type="checkbox"/>	<u>5758328</u>	May 1998	Giovannoli	705/26
<input type="checkbox"/>	<u>5765138</u>	June 1998	Aycock et al.	705/7
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<input type="checkbox"/>	<u>5794207</u>	August 1998	Walker et al.	705/23
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<input type="checkbox"/>	<u>5797127</u>	August 1998	Walker et al.	705/5
<input type="checkbox"/>	<u>5799151</u>	August 1998	Hoffer	395/200.34
<input type="checkbox"/>	<u>5802502</u>	September 1998	Gell et al.	705/37
<input type="checkbox"/>	<u>5826244</u>	October 1998	Huberman	705/37
<input type="checkbox"/>	<u>5835896</u>	November 1998	Fisher et al.	705/37
<input type="checkbox"/>	<u>5905974</u>	May 1999	Fraser et al.	705/37
<input type="checkbox"/>	<u>5905975</u>	May 1999	Ausubel	705/37
<input type="checkbox"/>	<u>5915209</u>	June 1999	Lawrence	455/31.2
<input type="checkbox"/>	<u>6023685</u>	February 2000	Brett et al.	705/37

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FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0 399 850	May 1990	EP	
409101994	April 1997	JP	
410078992	March 1998	JP	
97/37315	October 1997	WO	
9834187	August 1998	WO	

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Lee, Ho Geun, "Do electronic marketplaces lower the price of goods?" Communications of the PCM, v41n1 pp 73-80 Jan. 1998.\*  
"Sold! . . . To the Lowest Bidder", Computer Finance, v6, n2 Jul. 1995.\*  
"Venture Capitalists Fund Two Massachusettes Internet Related Companies", , Boston Globe, Jan. 14, 1998.\*  
Malone et al., "The Logic of Electronic Markets", Harvard Business Review, No. 893II (May-Jun., 1989).  
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Woolley, "E-muscle", Mar. 9, 1998.  
Associated Press, "FreeMarkets Takes Auction on Internet", Feb. 23, 1998.  
Jahnke, "How Bazaar" (Aug. 27, 1998).  
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Jean-Pierre Banatre, et al., "The Design and Building of Enchere, a Distributed Electronic Marketing System" Communications of the ACM, No. 1 (Jan. 29, 1986).  
Danny Cohen, "Computerized Commerce" Information Processing 89 (Aug.28-Sep. 1, 1989).

ART-UNIT: 3624

PRIMARY-EXAMINER: Millin; Vincent

ASSISTANT-EXAMINER: Patel; Jagdish N

## ABSTRACT:

A method and system for conducting electronic auctions is described. A dynamic lot closing extension feature avoids collisions in closing times of multiple lots by dynamically extending the closing time of a subsequent lot if a preceding lot's closing time is extended to be too close to the subsequent lot's then-currently scheduled closing time. Scheduled closing times can be extended with a flexible overtime feature, in which the properties of the event triggering the extension and the duration of the overtime period(s) can be tailored to a particular auction, particular lots of products within an auction, and to the particular time within an auction process. The bidding status of a lot can be set to a "pending" status after the nominal closing time for submission of bids to allow bidders to alert the auction coordinator of technical problems in submission of bids. This allows the possibility for a lot to be return to open status for further bidding by all bidders. The auction may be paused by the auction coordinator to correct technical, market and miscellaneous problems that may arise during the course of an auction. Individual bid ceilings can be set for each bidder so that they are required to bid lower than certain thresholds determined in advance of the auction. Failsafe error detection is performed to prevent erroneous bids from entering the auction. The auction coordinator has the ability to override any erroneous bids that are entered to prevent prejudice to the auction.



45 Claims, 22 Drawing figures

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L32: Entry 81 of 120

File: USPT

Dec 24, 2002

DOCUMENT-IDENTIFIER: US 6499018 B1

TITLE: Method and system for controlling bidding in electronic auctions using bidder-specific bid limitations

Brief Summary Text (19):

In the RFQ phase 104, coordinator 20 works with the buyer 10 to prepare a Request for Quotation ("RFQ") 54. The coordinator collects and maintains the RFQ data provided by buyer 10, and then publishes the RFQ, and manages the published RFQ. The RFQ includes specifications 50 for all of the parts 52 covered by the RFQ. In the RFQ 54, buyer 10 aggregates similar part or commodity line items into job "lots." These lots allow suppliers 30 to bid on that portion of the business for which they are best suited.

Brief Summary Text (20):

During the auction 56, bids 58 will be taken against individual lots (and their constituent parts 52) within RFQ 54. While bidders must submit actual unit prices for all line items, the competition in an Auction is based on the aggregate value bid for lots. The aggregate value bid for a lot depends upon the level and mix of line item bids and the quantity for each line item. Therefore, bidders submit bids at the line item level, but compete on the lot level.

Detailed Description Text (39):

The locked/unlocked feature is implemented in the auction system by data structures maintained in the client software that support capture of locked and unlocked unit price bids at the line item level and by providing a user interface to accept the locked unlocked information from the bidder.

**WEST**☐  

L32: Entry 99 of 120

File: USPT

Dec 12, 2000

US-PAT-NO: 6161099

DOCUMENT-IDENTIFIER: US 6161099 A

TITLE: Process and apparatus for conducting auctions over electronic networks

DATE-ISSUED: December 12, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harrington; Myles C. S.	Pittsburgh	PA		
Veres; Daniel J.	West View	PA		
Panoff; Robert M.	Durham	NC		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
MuniAuction, Inc.	Pittsburgh	PA			02

APPL-NO: 09/ 087574 [PALM]

DATE FILED: May 29, 1998

## PARENT-CASE:

This application claims the benefit under 35 U.S.C. .sctn. 119(e) of copending provisional application Ser. No. 60/047,876 entitled "PROCESS FOR CONDUCTING AUCTIONS OVER ELECTRONIC NETWORKS" filed May 29, 1997, which is incorporated herein by reference.

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/37; 705/36

US-CL-CURRENT: 705/37; 705/36

FIELD-OF-SEARCH: 705/37, 705/36, 705/35, 455/31.2

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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<input type="checkbox"/>	<u>3581072</u>	May 1971	Nymeyer	
<input type="checkbox"/>	<u>4789928</u>	December 1988	Fujisaki	
<input type="checkbox"/>	<u>4903201</u>	February 1990	Wagner	
<input type="checkbox"/>	<u>4980826</u>	December 1990	Wagner	
<input type="checkbox"/>	<u>5077665</u>	December 1991	Silverman et al.	
<input type="checkbox"/>	<u>5136501</u>	August 1992	Silverman et al.	
<input type="checkbox"/>	<u>5243515</u>	September 1993	Lee	
<input type="checkbox"/>	<u>5375055</u>	December 1994	Togher et al.	
<input type="checkbox"/>	<u>5497317</u>	March 1996	Hawkins et al.	
<input type="checkbox"/>	<u>5502637</u>	March 1996	Beaulieu et al.	
<input type="checkbox"/>	<u>5640569</u>	June 1997	Miller et al.	
<input type="checkbox"/>	<u>5774176</u>	June 1998	Carter	705/36
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<input type="checkbox"/>	<u>5915209</u>	June 1999	Lawrence	455/31.2

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Landes, David V., Aug. 16, 1996 Letter with attachments.  
 Thomas, Rick, Aug. 28, 1996 Letter with attachment.  
 "Sample Form of MuniBid.TM. Notice of Sale," 9 pages.  
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 Pamphlet entitled MuniBid.  
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 Parity brochure, Copyright 1992, 21st Century Municipals, Inc.  
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 Stirland, Sarah; "News and Trends: Brokers-Dealers to hawk Products Via Satelllitea nad cable TV," The Bond Buyer, v320, #30125, Apr. 16, 1997.  
 U.S. Trademark File History for mark "PARITY & Design" (Reg. No. 1772581) including specimen entitled "PARITY A Real-Time, No-Risk Bidding Network From 21.sup.st Century Municipals" (1992).  
 Morgenstern, Renata, "Electronic Bidding for Municipal Bonds: Technology Innovations for Competitive Bond Sales," pp. 23-25 Government Finance Review (Feb. 2000).  
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Whalen, Robert, "Where is Dalcomp? New Product Awaits Inaugural Deal," The Bond Buyer (Aug. 19, 1998).  
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Apr. 30, 1996 Fax from PARITY.  
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Official Notice of Sale, Tennessee Local Development Authority.  
Bid Form Tennessee Local Development Authority.  
PARITY Bid Form.  
PARITY Form of Agreement.  
Suggested language document.  
"Financial Advisors/Issuers" document, "The Financial Adviser Receives A Bid Status Report . . .".  
Financial Advisors/Issuers document, "Financial Advisors/Issuers see the following data for each bid and for each issue by dialing 206-635-0940 (this information only shows after the deadline for receipt of bids).".

ART-UNIT: 375

PRIMARY-EXAMINER: Stamber; Eric W.

ASSISTANT-EXAMINER: Thompson, Jr.; Forest

ABSTRACT:

An apparatus and process for conducting auctions, specifically municipal bond auctions, over electronic networks, particularly the Internet, is disclosed. The auctioneer maintains a web site from which information about bonds to be auctioned can be obtained. A user participates in the auction by accessing the web site via a conventional Internet browser and is led through a sequence of screens that perform the functions of verifying the user's identity, assisting the user in preparing a bid, verifying that the bid conforms to the rules of the auction, displaying to the user during the course of the auction selected bid information regarding bids received and informing the bidder how much time remains in the auction. The user may be given the option of confirming the accuracy of his bid before submitting the bid. The auctioneer is able to review bidding history, determine the winner and notify the winner over the network, and display selected auction results to bidders and observers over the network.

67 Claims, 17 Drawing figures

**WEST**☐  

L32: Entry 99 of 120

File: USPT

Dec 12, 2000

DOCUMENT-IDENTIFIER: US 6161099 A

TITLE: Process and apparatus for conducting auctions over electronic networks

Brief Summary Text (16):

The Fujisaki patent discloses an auction information transmission processing system that sets up a hierarchical system of host and server computers, which are configured to minimize the data transmitted between computers during an auction. The system is designed to allow auction participants to be spread out over a wide area. The system was directed to auctioning of specific items such as used cars.

Detailed Description Text (26):

FIG. 11 illustrates a blank form upon which the user may prepare a proposed all-or-none bid. The user enters a coupon for each maturity and an aggregate purchase price 77, and at the Issuer's option, a price or yield for each maturity. To determine the true interest cost (TIC) associated with the aggregate purchase price 77 and coupons combination without actually submitting a bid, the user can click the "Calculate/Refresh" button 72 which calculates the TIC without actually submitting it. If the result is a TIC lower than the "best TIC" shown, if shown, the user may choose to click the "Submit Bid" button 74 and become the new "Leader" with the "best TIC" (provided time remains before the auction ends). In an all-or-none auction only, if no other bidder submits a better bid before the auction ends, then the leader becomes the successful bidder or "Winner" of the auction.

Detailed Description Text (27):

In a maturity by maturity versus all-or-none auction, FIGS. 10 and 11 apply to maturity by maturity and all-or-none bidders, respectively. The process of calculating and submitting bids is the same, but in this format, the best maturity by maturity TIC (i.e., the aggregate TIC associated with the best yields for each maturity submitted by one or more bidders) is compared with the best all-or-none TIC (submitted by one bidder) and the lowest TIC of the two determines which bidder(s) is (are) the leader(s) or winner(s), during or once the auction is over, respectively.

Detailed Description Text (40):

In FIG. 3c, the administrator can list registrants at step 123, add/delete registrants at step 125, or modify registrant information at step 127 as shown in FIG. 14. The administrator can view an ongoing auction at 129, release selected auction data for completed auctions at step 130, create or modify up-coming auctions at step 132 as shown in FIG. 15, delete an auction at step 134, restart an auction at step 136, view and/or set permission parameters at step 138, and open/close trial auctions at step 140. In the viewing of the auction at 129, the administrator may select best bids at 142, cover bids at 144, individual bids at 146, or a summary at 148 for viewing. In creating or modifying up-coming auctions at step 132, the administrator may choose to create or modify existing documents at 150 which will take him to the selected document at step 152, or may choose to set and or change auction parameters at 154 and/or maturity dates and amounts at 156.

## CLAIMS:

16. The process of claim 1 wherein said inputting step includes inputting an aggregate purchase price for one or more or all of a collection of financial instruments.

38. The process of claim 31 wherein said inputting step includes inputting an aggregate purchase price for one or more or all of a collection of fixed income

financial instruments.

Searching PCT.vdb...

[Search Summary]

**Results of searching in PCT.vdb for:**

**auctions:** 60 records

Showing records 1 to 25 of 60 :

Next 25 records

Start At

Refine Search

auctions

**Title**

1. (WO 03/027806) HYBRID **AUCTIONS** AND METHODS AND SYSTEMS FOR CONDUCTING SAME OVER A COMPUTER NETWORK
2. (WO 03/009086) SITE MONITOR
3. (WO 02/103603) SYSTEM AND METHOD FOR ENHANCED ONLINE TRANSACTIONS USING SHOPPING GAMES
4. (WO 02/103477) ENHANCED AUCTION MECHANISM FOR ONLINE TRANSACTIONS
5. (WO 02/095526) ON-LINE PROCUREMENT OR RFP AUCTION SYSTEM, OF WHICH THE FOLLOWING IS A SPECIFICATION
6. (WO 02/069101) AUCTION, IMAGERY AND RETAINING ENGINE SYSTEMS FOR SERVICES AND SERVICE PROVIDERS
7. (WO 02/063531) AUTOMATED CLAIMS FULFILLMENT SYSTEM
8. (WO 02/48931) METHOD AND SYSTEM FOR REAL TIME REMOTE ONLINE PARTICIPATION IN **AUCTIONS**
9. (WO 02/31737) METHOD AND SYSTEM FOR ONLINE SALES AND PURCHASES
10. (WO 02/27517) OPEN MESSAGING FOR PORTABLE COMPUTING DEVICES
11. (WO 02/25408) AGGREGATION OF ON-LINE AUCTION LISTING AND MARKET DATA FOR USE TO INCREASE LIKELY REVENUES FROM AUCTION LISTINGS
12. (WO 02/23424) METHOD AND SYSTEM FOR CONDUCTING AN ADVANCED AUCTION
13. (WO 02/19145) METHOD AND APPARATUS FOR ENHANCING THE TRANSFERRABILITY AND VALUATION OF WORKS OF ART
14. (WO 02/13084) PERSONAL AUCTION SERVICE SYSTEM AND METHOD THEREOF
15. (WO 02/07354) SYSTEMS AND PROCESSES FOR MEASURING, EVALUATING AND REPORTING AUDIENCE



RESPONSE TO AUDIO, VIDEO, AND OTHER CONTENT

16. (WO 01/90985) METHOD FOR CONDITIONAL **AUCTIONS**
17. (WO 01/88806) MARKET SYSTEM AND METHOD FOR PROMOTION OF INNOVATIONS TO EFFICIENT PUBLIC POLICY
18. (WO 01/84278) INTERNET-BASED SYSTEMS AND METHODS OR REALLOCATING AND SELLING USED INDUSTRIAL EQUIPMENT AND MACHINERY
19. (WO 01/82194) SYSTEM AND METHOD FOR AN ON-LINE INDUSTRY AUCTION SITE
20. (WO 01/80111) METHOD OF OPERATING FREIGHT MARKET OVER THE INTERNET
21. (WO 01/75756) BIDDING FOR ENERGY SUPPLY WITH REQUEST FOR SERVICE
22. (WO 01/75740) SYSTEM AND METHOD FOR MULTI-VARIABLE **AUCTIONS**
23. (WO 01/73665) METHOD AND DEVICE FOR PROVIDING CONTINUOUS **AUCTIONS** OVER A COMMUNICATIONS NETWORK
24. (WO 01/71453) METHOD AND SYSTEM FOR BIDDING ON MULTIPLE **AUCTIONS**
25. (WO 01/69506) BUYER OR SELLER INITIATED DYNAMIC RULES DRIVEN AUCTION SYSTEM

 **Search Summary**

**auctions:** 95 occurrences in 60 records.

Search Time: 0.1 seconds.



Searching PCT.vdb...

[Search Summary]

Results of searching in PCT.vdb for:

**auctions or buying and selling:** 61 records

Showing records 1 to 25 of 61 :

Next 25 records

Start At

Refine Search

auctions or buying and selling

**Title**

1. (WO 02/103950) METHODS AND SYSTEMS FOR RECONCILING A FORWARD CONVERSION SECURITIES STRATEGY
2. (WO 02/103601) ELECTRONIC SPREAD TRADING TOOL
3. (WO 02/080078) SYSTEM AND METHOD FOR FRANCHISE, FINANCE, REAL ESTATE, AND SUPPLIER RELATIONSHIP MANAGEMENT
4. (WO 02/074573) SYSTEM AND METHOD FOR ENABLING THE REAL TIME **BUYING** AND **SELLING** OF ELECTRICITY GENERATED BY FUEL CELL POWERED VEHICLES
5. (WO 02/073344) SYSTEM FOR **BUYING** AND **SELLING** CLICK-THROUGH TRAFFIC ON INTERNET WEB SITES
6. (WO 02/063812) METHOD AND SYSTEM FOR PROCESSING TRANSACTIONS
7. (WO 02/056146) ANONYMOUS AUCTIONING OF STRUCTURED FINANCIAL PRODUCTS OVER A COMPUTER NETWORK
8. (WO 02/46999) METHOD OF ELECTRONICALLY SIMULATING A PIT-TRADING ENVIRONMENT IN ORDER TO MAXIMIZE LIQUIDITY IN AN ONLINE EXCHANGE
9. (WO 02/41214) CLEARING METHOD USING A COMMUNICATIONS NETWORK (VARIANTS)
10. (WO 02/41201) CONTROL SYSTEM AND METHOD THEREIN
11. (WO 02/37364) CLEARING METHOD USING A COMMUNICATIONS NETWORK (VARIANTS)
12. (WO 02/37234) SYSTEM AND METHOD FOR COLLABORATIVE ORDER FULFILLMENT
13. (WO 02/37214) VALUE DRIVEN INTEGRATED BUILD-TO-BUY DECISION ANALYSIS SYSTEM AND METHOD
14. (WO 02/33835) TRANSACTION PROCESSING SYSTEM TO FACILITATE THE COMMERCIAL SUPPORT ACTIVITIES ASSOCIATED WITH THE **BUYING** AND **SELLING** OF

COMMODITY PRODUCTS

15. (WO 02/29692) INTEGRATED INVESTMENT PORTFOLIO MANAGEMENT SYSTEM AND METHOD
16. (WO 02/23449) A METHOD AND SYSTEM FOR FACILITATING **BUYING** AND **SELLING** TRANSACTIONS
17. (WO 02/13082) AUCTIONING METHOD RAISING PRICE AUTOMATICALLY
18. (WO 02/08999) COMMODITY TRADING SYSTEM
19. (WO 02/07028) COMMODITY **SELLING** OR **BUYING** METHOD USING NETWORK
20. (WO 02/03302) **BUYING** AND **SELLING** GOODS AND SERVICES USING AUTOMATED METHOD AND APPARATUS
21. (WO 01/98972) ACCOUNT SETTLING SYSTEM
22. (WO 01/97127) A CONTRACTING METHOD FOR AN INSURANCE IN ON-LINE OF INTERNET
23. (WO 01/93144) OFF-LINE **BUYING** AUTHENTICATION SYSTEM AND METHOD
24. (WO 01/86530) SETTLEMENT SYSTEM AND SETTLEMENT METHOD IN BUSINESS TRANSACTION
25. (WO 01/84817) METHOD AND SYSTEM FOR **BUYING** AND DRAWING LOTTERY TICKETS THROUGH WIRE TELEPHONE, WIRELESS PHONE AND/OR INTERNET

**Search Summary**

**auctions:** 95 occurrences in 60 records.

**buying:** 228 occurrences in 140 records.

(auctions OR buying): 198 records.

**selling:** 505 occurrences in 322 records.

((auctions OR buying) AND selling): 61 records.

Search Time: 0.88 seconds.





Presentation:

Basic

Image:

Small

Français

60 of 61

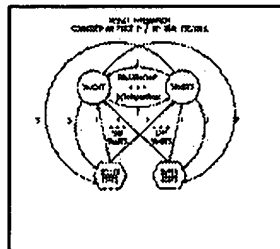
[View Images](#)

## PUBLISHED INTERNATIONAL APPLICATION

- (11) **WO 97/24833** (13) A2  
 (21) PCT/US97/00286  
 (22) **03 January 1997 (03.01.1997)**  
 (25) ENG (26) ENG  
 (31) 60/009,577 (32) **03 January 1996 (03.01.1996)** (33) US  
 (31) 08/604,870 (32) **22 February 1996 (22.02.1996)** (33) US  
 (43) 10 July 1997 (10.07.1997)  
 (51)<sup>6</sup> H04L 9/32  
 (54) IDEAL ELECTRONIC NEGOTIATIONS  
 (71)(72) **MICALI, Silvio** 459 Chestnut Hill Avenue, Brookline, MA 02146 ; (US). [US/US].  
 (74) **MUIRHEAD, Donald, W.** Foley, Hoag & Eliot L.L.P., One Post Office Square, Boston, MA 02109-2170 ; (US).  
 (81) AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN ; AP ( KE, LS, MW, SD, SZ, UG ); EA ( AM, AZ, BY, KG, KZ, MD, RU, TJ, TM ); EP ( AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE ); OA ( BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG )

### Abstract

There is described an electronic communications method between a first party and a second party, with assistance from at least a plurality of trustees, enabling an electronic transaction in which the first party having a *selling* reservation price (SRP) and the second party having a *buying* reservation price (BRP) may be committed to a transaction if a predetermined relationship between SRP and BRP is established, but not otherwise. The method begins by having each of the parties



transmit shares of their respective reserve prices to the trustees. These shares are such that less than a given number of them does not provide enough useful information for reconstructing the reserve prices while a sufficiently high number of them allows such reconstruction. The trustees then take some action to determine whether the predetermined relationship exists without reconstructing SRP and BRP. If the predetermined relationship exists, then the trustees provide information that allows a determination of the sale price according to a given formula. Otherwise, the trustees determine that no deal is possible. As used herein, "sale" is merely representative as the transaction may be of any type including, without limitation, a sale, lease, license, financing transaction, or other known or hereinafter created financial commercial or legal instrument.

**Presentation:**

Basic

**Image:**

Small



Français

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## PCT Database Search Page

This page provides an advanced search interface to the PCT Database. A simplified search interface is available on the [Structured Search Page](#) or [Simple Search Page](#).

Search: ☒ All ☐ Week of: 25.11.1999 ☐ Chronologically ☐ By Relevance

Presentation: Basic

Query:

auctions or buying and selling

Example: et/needle or et/syringe andnot (sew\* or thread)

Display:

Search

Reset

25 results at a time ☐ Show pages in separate window

Pub. No. Title Pub. Date Int. Class App. Num. First Inventor First Applicant Abstract Image

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None

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### PCT Database Field Codes

Field Code	Field Name	Field Code	Field Name
ET	English Title	IN	Inventor Name
FT	French Title	IAD	Inventor Address
ABE	English Abstract	PA	Applicant Name
ABF	French Abstract	AAD	Applicant Address
WO	Publication Number	ARE	Applicant Residence
DP	Publication Date	ANA	Applicant Nationality
AN	Application Number	RP	Legal Rep. Name
AD	Application Date	RAD	Legal Rep. Address
NP	Priority Number	RCN	Legal Rep. Country
PD	Priority Date	IC	International Class
PCN	Priority Country	MC	Main International Class
DS	Designated States	LGF	Language of Filing
KI	Kind of Document.	LGP	Language of Pub.